AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings.

Listing of Claims

1. (Currently amended) A fire retardant VC-based resin composition, comprising:

100 parts by weight of a VC-based resin,

0.05 to 10 parts by weight of at least one anti-smoke agent selected from hydroxy zinc stannate or[[zinc-,]] molybdenum[[-]] ~~or tin~~ compounds, and

0.01 to 10 parts by weight of at least one compound selected from aluminum- and magnesium-metal hydroxide and zeolite.

2. (Currently amended) A fire retardant VC-based resin ~~compositions~~ composition according to claim 1, further comprising 0.1 to 10 parts by weight of at least one compound selected from polymethacrylate and polyalkylacrylate as a processing aid.

3. (Currently amended) A fire retardant VC-based resin ~~compositions~~ composition according to claim 1, wherein said anti-smoke agent includes 0.05 to 8 parts by weight of [[a]] the molybdenum compound and which further comprises 0.1 to 3 parts by weight of an alkaline compound.

4. (Currently amended) A fire retardant VC-based resin ~~compositions~~ composition according to claim 1, wherein said anti-smoke agent includes 0.1 to 8 parts by weight of a surface-coated anti-smoke agent in which an alkaline compound or a mixture of an alkaline compound and titanium oxide is used as a nucleating agent

and a surface thereof is coated with a molybdenum compound.

5. (Currently amended) A fire retardant VC-based resin ~~compositions~~ composition according to claim 4, wherein said molybdenum compound is preferably 5 to 50 % by weight of the surface-coated anti-smoke agent.

6. (Currently amended) A fire retardant VC-based resin ~~compositions~~ composition according to claim 4, wherein said [[basic]] alkaline compound is at least one compound selected from aminocarboxylic acid derivatives, urea derivatives, dolomite derivatives, metal soap, beryllium oxide, magnesium oxide, calcium oxide, strontium oxide, barium oxide, silicon oxide, aluminum oxide, zinc oxide, lime carbonate, ultramarine, barium sulfate, and precipitated barium sulfate.

7. (Original) A fire retardant VC-based resin article prepared by molding the fire retardant VC-resin composition according to claim 1 by means of extrusion molding, calender press molding, or extrusion-followed by press molding.

8. (Original) A fire retardant VC-based resin article according to claim 7, wherein color difference Δa determined by a warm-water color change test at 60°C for 48 hours is -0.5 to +0,5 before and after warm-water soaking.

9. (New) A fire retardant VC-based resin composition according to claim 1, wherein the molybedenum compounds comprise one or more of molybdenum oxide, molybdenum trioxide, molybdic acid, ammonium molybdate, ammonium octamolybdate, zinc molybdate, calcium

molybdate, zinc-calcium molybdate, sodium molybdate, molybdenum disulfide, melamineβ-molybdate.

10. (New) A fire retardant VC-based resin composition, comprising:

100 parts by weight of a VC-based resin,

0.05 to 8 parts by weight of at least one molybdenum compound anti-smoke agent, and

0.1 to 3 parts by weight of an alkaline compound.

11. (New) A fire retardant VC-based resin composition according to claim 10, wherein the molybedenum compounds comprise one or more of molybdenum oxide, molybdenum trioxide, molybdic acid, ammonium molybdate, ammonium octamolybdate, zinc molybdate, calcium molybdate, zinc-calcium molybdate, sodium molybdate, molybdenum disulfide, melamineβ-molybdate.

12. (New) A fire retardant VC-based resin composition according to claim 10, wherein the alkaline compound comprises one or more of an alkaline metal oxide or hydroxide; basic salt of carbonic acid, sulfuric acid, sulfurous acid, phosphoric acid and phosphorous acid; basic metal oxide including beryllium oxide, magnesium oxide, calcium oxide, strontium oxide, barium oxide, silicon oxide, aluminum oxide and zinc oxide; basic inorganic pigment including lime carbonate, ultramarine, barium sulfate and precipitated barium sulfate; dolomite compounds, thiourea and N,N'-diphenylthiourea; aminocarbonic acid derivatives including β-aminocrotonic acid ester, N-lauroyllysine, tris(2-hydroxyethyl) isocyanurate and tris(epoxypropyl) isocyanurate; indoles including 2-phenylindole; polyamine including N,N"-diphenylethylenediamine,

diethylenetriamine and hexamethylenetetramine; phenyl-α-naphthylamine, aldol-α-naphthylamine and 6-ethoxy-2,2,4-trimethyl-1,2-dihydroquinoline; (2'-hydroxyphenyl)benzotriazole; bis(2,2,6,6-tetramethylpiperazinyl)-4-cevacate; hydrazine derivatives; thiocarbamine derivatives; and metal soap.

13. (New) A fire retardant VC-based resin composition, consisting essentially of:

100 parts by weight of a VC-based resin,

0.05 to 8 parts by weight of molybdenum compound anti-smoke agent, and

0.1 to 3 parts by weight of an alkaline compound.